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## NTE30128 LED Indicator, Ultraviolet 5mm (T-1 3/4) Package Type

**Features:**

- Round Head with Flange
- Water Clear Lens

**Absolute Maximum Ratings:** ( $T_A = +25^\circ\text{C}$  unless otherwise specified)

Power Dissipation, $P_D$ .....	100mW
Forward Current, $I_F$	
Continuous .....	30mA
Peak (Note 1) .....	100mA
Derate Linear from $+30^\circ\text{C}$ .....	$0.8\text{mA}/^\circ\text{C}$
Reverse Voltage, $V_R$ .....	5V
Operating Temperature Range, $T_{opr}$ .....	$-20^\circ$ to $+80^\circ\text{C}$
Storage Temperature Range, $T_{stg}$ .....	$-30^\circ$ to $+100^\circ\text{C}$
Lead Temperature (During Soldering, 3mm from case, 5sec max), $T_L$ .....	$+260^\circ\text{C}$

Note 1. Duty Ratio  $\leq 1\%$ , Pulse Width  $\leq 100\mu\text{s}$

**Electrical Optical Characteristics:** ( $T_A = +25^\circ\text{C}$  unless otherwise specified)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	3.0	-	3.6	V
Luminous Intensity	$I_V$	$I_F = 20\text{mA}$ , Note 1	50	-	60	mcd
Peak Emission Wavelength	$\lambda_P$		390	395	395	nm
View Angle	$\theta$	Note 2	-	30	-	deg

Note 1. Duty Ratio  $\leq 1\%$ , Pulse Width  $\leq 100\mu\text{s}$



